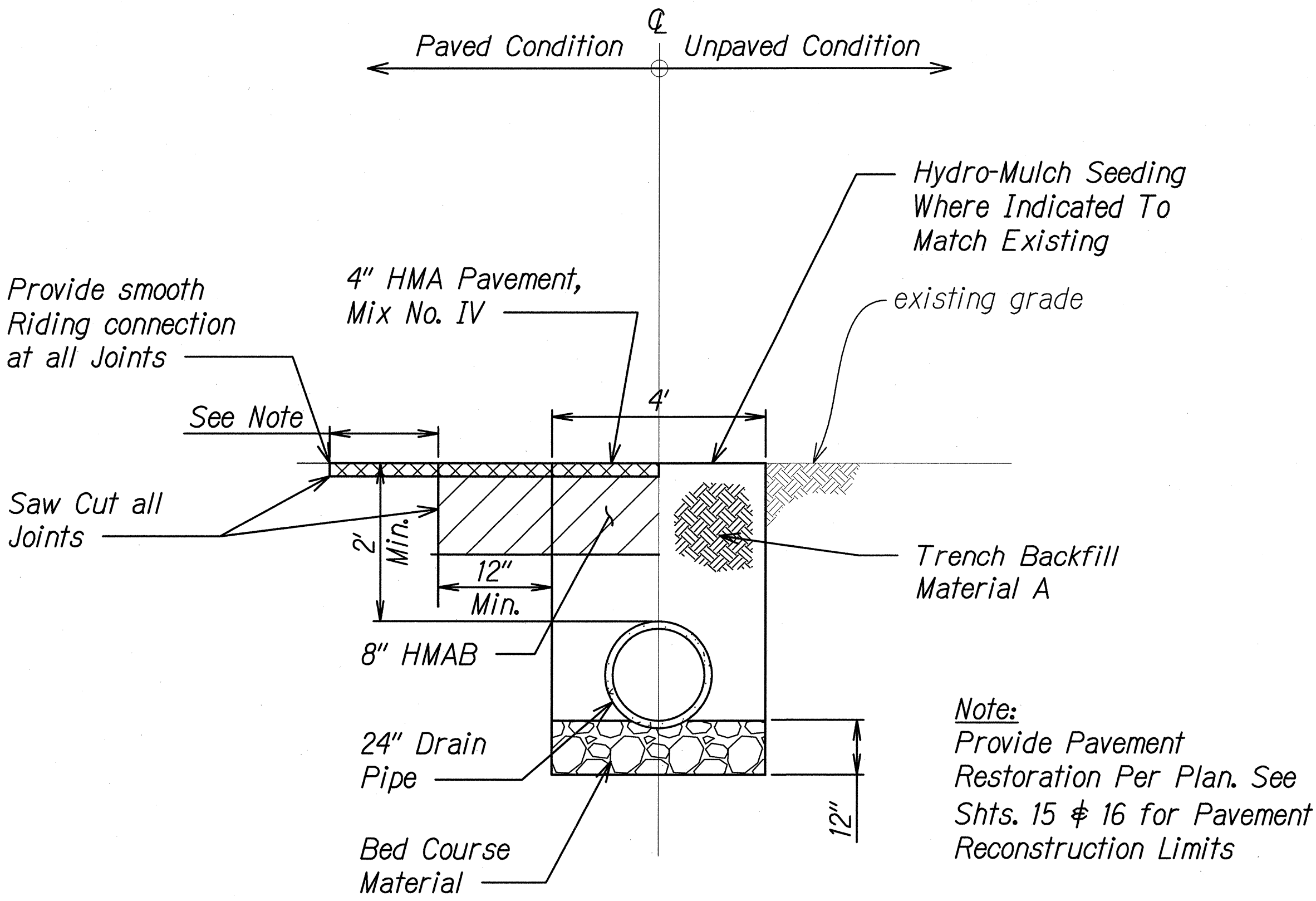
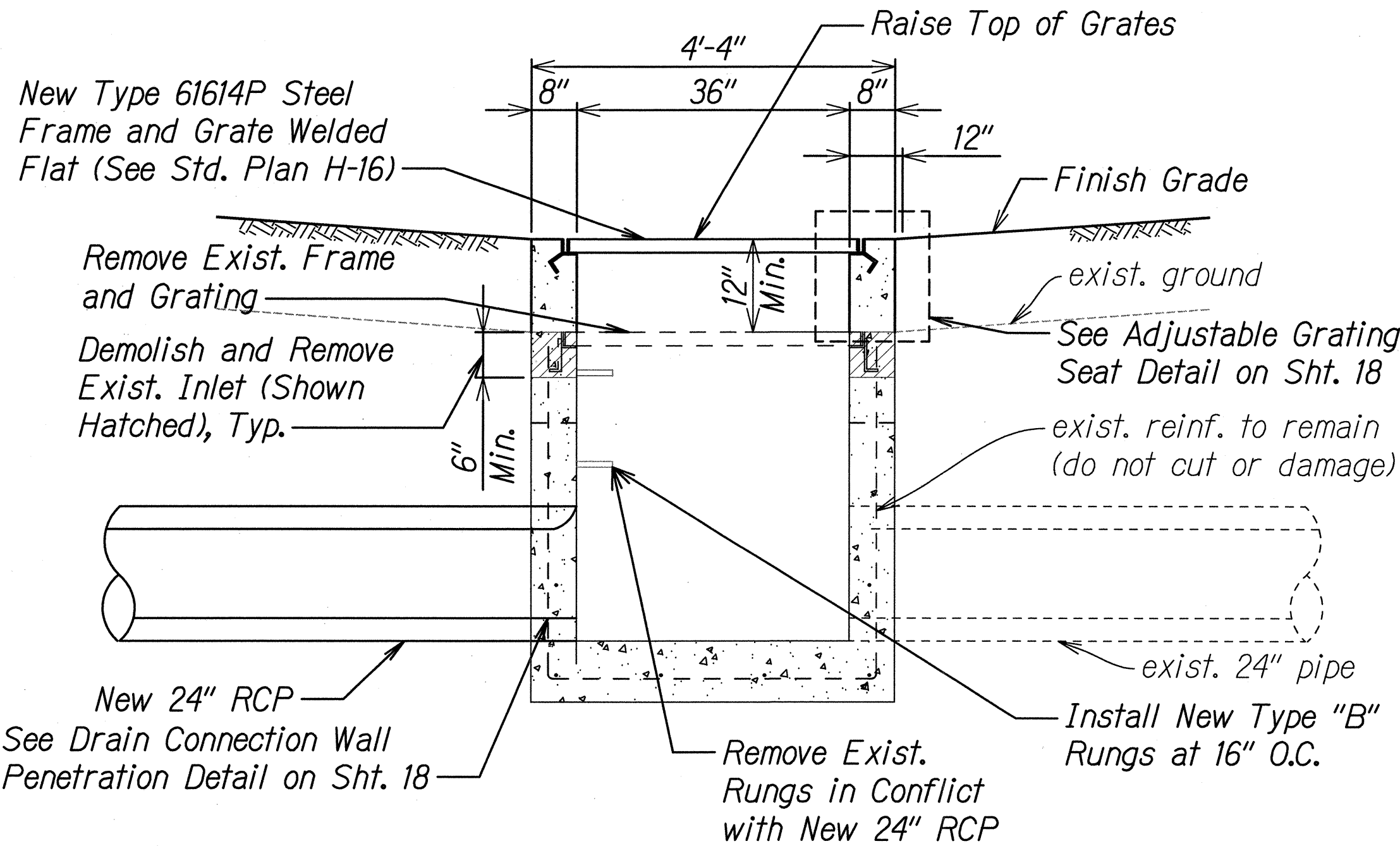


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	93A-01-12	2016	17	29

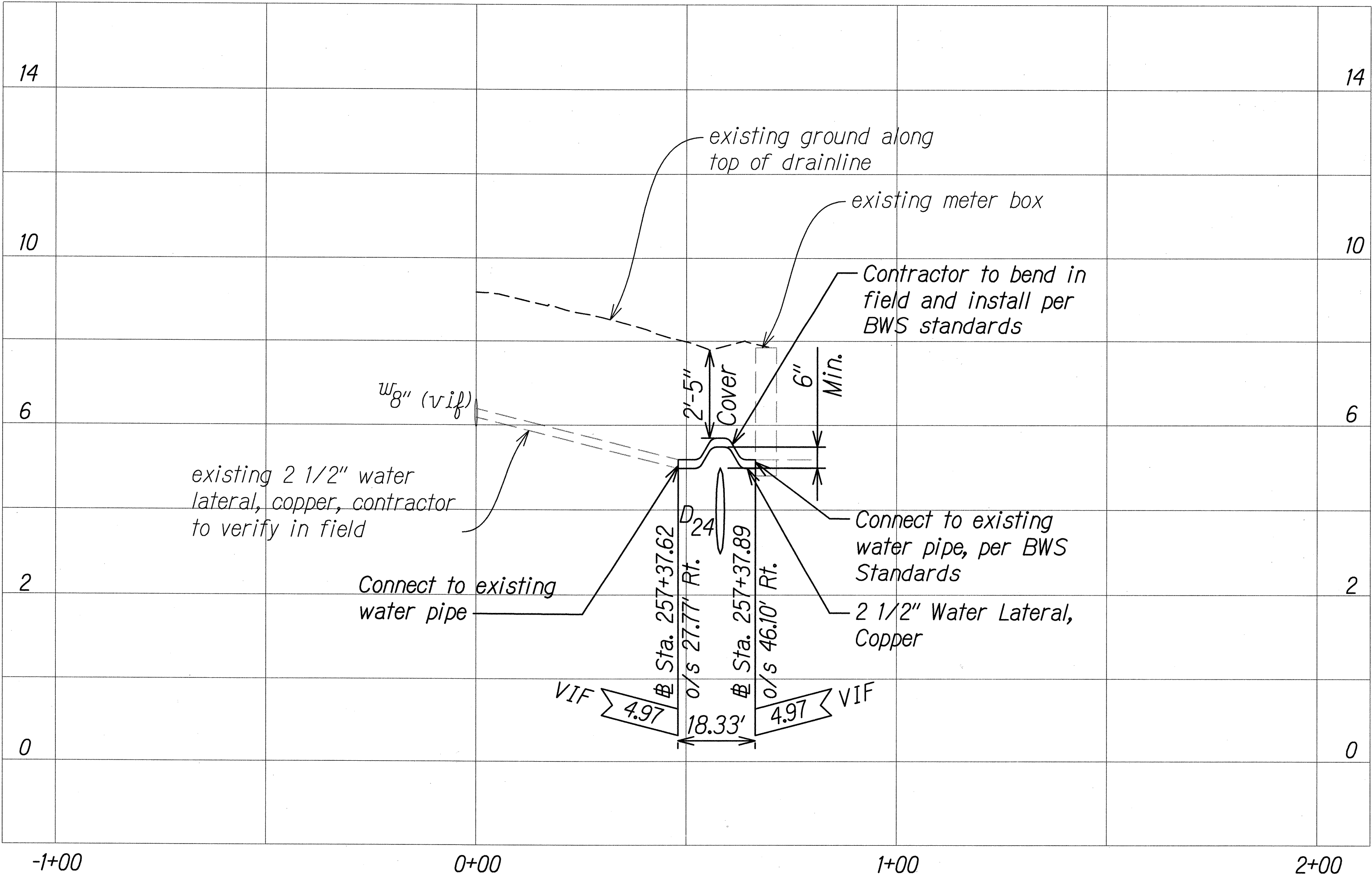


TYPICAL TRENCH DETAILS
Not to Scale



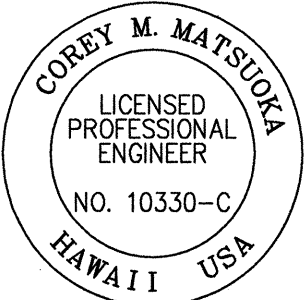
ADJUST TOP OF EXISTING DRAIN INLET DETAIL
Not to Scale

- Notes:
1. Clean exist. culvert (24" drain pipe to Ulehawa Stream) to be paid under Contract Item No. 603.0300 - Clean Existing Culverts.
 2. Type "B" Rungs and Type 61614P Frame and Grate are incidental to Contract Item 604.0100 - Reconstructed Type 61614P Grated Drop Inlet.



WATER LATERAL PROFILE
Scale: Horiz. 1" = 20'
Vert. 1" = 2'

APPROVED: *[Signature]* 10-9-2015
DATE
MANAGER AND CHIEF ENGINEER, BWS
(For work Affecting BWS Facilities in City/State R/W & BWS Easements only)



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION
[Signature] 4/30/16
SIGNATURE DATE OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
**WATER LATERAL PROFILE
AND DRAINAGE DETAILS**
FARRINGTON HIGHWAY DRAINAGE IMPROVEMENTS
Vicinity of Princess Kahanu Avenue
Project No. 93A-01-12
Scale: As Shown Date: Oct. 2015
SHEET No. 1 OF 1 SHEETS

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	
No.	